



EKG Labs™

Heartbeat of Analytical Services

Allen Kesselring

Educational Background

- **PH.D. ORGANIC CHEMISTRY** | Washington University, Saint Louis, MO | January 2006
- **A.M. ORGANIC CHEMISTRY** | Washington University, Saint Louis, MO | August 2002
- **B.S. CHEMISTRY AND MATHEMATICS** | Missouri Baptist University, Creve Coeur, MO | May 2000

Research and Experience

- **CHIEF SCIENCE OFFICER** | *E.K.G. Life Science Solutions*
Saint Louis, MO
April 2013 – Present
- **MANAGING DIRECTOR** | *EAG Life Sciences*
Maryland Heights, MO
January 2012 – April 2013
- **VICE PRESIDENT AND GENERAL MANAGER** | *EAG Life Sciences (Formerly Cyanta Analytical Services)*
Maryland Heights, MO
November 2010 – January 2012
- **DIRECTOR OF ANALYTICAL OPERATIONS** | *Cyanta Analytical Services*
Maryland Heights, MO
February 2010 – November 2010
- **LABORATORY MANAGER** | *Cyanta Analytical Laboratories (Formerly Azopharma Contract Pharmaceutical Services and Chemir Analytical Services)*
Maryland Heights, MO
October 2006 – February 2010
- **SENIOR ANALYTICAL CHEMIST** | *Chemir Analytical Services*
Maryland Heights, MO
September 2005 – October 2006
- **GRADUATE RESEARCH ASSISTANT** | *Washington University*
Saint Louis, MO
August 2000 - September 2005
- **RESEARCH INTERN** | *Pfizer (formerly Pharmacia and Monsanto)*
Saint Louis, MO
Summers 1997 - 2000



Publications and Presentations

- “GC/MS: An Overview of Applications and Key Concepts” Allen S. Kesselring, Chief Science Officer, EKG Life Science Solutions; Invited Speaker to Washington University in Saint Louis, Nano Research Facility, Chemical Analysis & Material Characterization, Fall 2016
- “Electronic Cigarette Testing, Risks and Challenges” Allen Kesselring, Chief Scientific Officer at E.K.G Life Science Solutions; Invited Speaker to Smithers Rapra, Extractables & Leachables Conference USA; May 2016
- “GC/MS for Characterization of Nanomaterials” Allen S. Kesselring, Chief Science Officer, EKG Life Science Solutions; Invited Speaker to Washington University in Saint Louis, Nano Research Facility, Nanomaterial Imaging Workshop, Fall 2015
- “Missouri Baptist and Beyond” Allen S. Kesselring, Chief Science Officer, EKG Life Science Solutions; Invited Speaker to Missouri Baptist University, Seminar Series, Oct 13th, 2015
- “Examining the Growing Challenges of Extractables and Leachables” Sutton, Stephanie; Christiaen, Piet; Feiden, Andrew; Kesselring, Allen; Killian, Paul; Rushing, Wayland; Invited Industry Expert; Pharmaceutical Technology, 38 (2012)
- “Quantitative Determination of Extractables and Leachables within a Nebulized Product Container Closure System by GC/MS” Kesselring, Allen S.; 2012 AAPS Annual Meeting & Exposition; Chicago, IL; October 14–18, 2012
- “Method Development and GLP Validation for the Quantitative Determination of Oxymetazoline in Rat Plasma using LC/MS/MS” Kesselring, Allen S.; 2012 AAPS Annual Meeting & Exposition; Chicago, IL; October 14–18, 2012
- “Robust Analytical Methods for Genotoxic Impurities” Currin, Lloyd, Kesselring, Allen; PharmTech.com, White Paper Article; September 25, 2012
- “Extractables and Leachables for Pharmaceuticals and Medical Devices” Kesselring, Allen; PharmTech.com, White Paper Article; July 31, 2012
- “Chemical Characterization of Medical Devices”. Kesselring, Allen S., Presenter, Medical Device Development and the Role of Physical & Chemical Testing: Exploring Device Development Pitfalls and Failures, San Francisco, CA; May 11, 2011 and Boston, MA; September 13, 2011
- “Parallel Solid-Phase Synthesis and High-Throughput 1H NMR Evaluation of a 96-Member 1,2,4-Trisubstituted-pyrimidin-6-one-5-carboxylic Acid Library”, Hamper, Bruce; Kesselring, Allen S.; Chott, Robert C.; Yang, Shengtian, J. Comb. Chem., 11(3),469-480, (2009)
- “Solid-Phase Synthesis of Di-β-Peptoids from Acrylate Resin: N-Acetyl-N-Benzyl-β-Alaninyl-N-Benzyl-β-Alanine”, Hamper, Bruce C.; Kesselring, Allen S.; Parker, Marshall; Turner James A., Solid-Phase Organic Syntheses, 1, 55, (2001)
- “Tungsten alkyne-ol cyclizations with aldehydes to form biologically interesting molecules”. Kesselring, Allen S.; Gilbertson, Scott R. Abstracts of Papers, 228th ACS National Meeting, Philadelphia, PA, United States, August 22-26, 2004
- “God and Science” Allen S. Kesselring. Invited lecturer to Missouri Baptist; University Donor Luncheon. Spring 2001
- “Parallel solid-phase synthesis and high-throughput 1H NMR evaluation of a 96-member 1A-trisubstituted-pyrimidin-6-one-5-carboxylic acid library”, 1 1(3), 469-480 (1999)
- “High-throughput 1H NMR and HPLC characterization of a 96-member substituted methylene malonic acid library”, Hamper, Bruce C.; Snyderman, David M.; Owen, Thomas I; Scates, Angela M.; Owsley, Dennis C.; Kesselring, Allen S.; Chott, Robert C., J. Combi. Chem., 2, 140, (1999)